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Application No. 09/677,493
Filing Date: 10/02/2000
Applicant: George Guang Yang
(Previous used name: Guang Yang)

392 Hans Way
San Jose, CA 95133
Phone: (408) 729-1282
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March 15, 2005

Jean M. Corrielus
Primary Examiner
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Appeal Brief

Dear Ms. Corrielus,

I filed my patent application, INTEGRATED DATABASE DATA EDITING SYSTEM, on 10/02/2000 (Application No. 09/677,493). Thanks for your letter "Notification of Non-Compliant Appeal Brief (37 CFR 41.37)" dated 03/04/2005. I file this complete Appeal Brief again in compliance with 37 CFR 41.37. Attached is the appeal brief fee \$250.00 set forth in 37 CFR 41.20(b)(2). Each item required under 37 CFR 41.37(c)(1) is under the proper heading as the following:

(c)(1)(i) Real Party in Interest

Mr. Baoquoc N. To, Examiner, rejected my Claims 1-7 on his letters mailed to me on 02/12/2004, 08/12/2003, 05/21/2003, 02/13/2003 and 08/01/2002. I responded to his letters correspondingly on 02/19/2004, 01/05/2004, 05/29/2003, 02/27/2003 and 08/12/2002. We have also had several telephone conversations and exchanged many emails since 08/12/2002.

03/23/2005 DENMANU1 00000018 09677493

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250.00 OP

(c)(1)(ii) Related Appeals and Interferences

I filed the "Appeal Brief" on 09/27/2004 and the "Notice of Appeal" on 02/19/2004. I also had several telephone conversations with Mr. Baoquoc N. To.

(c)(1)(iii) Status of Claims

Mr. Baoquoc N. To, Examiner, rejected my Claims 1-7 on his letters mailed to me on 02/12/2004, 08/12/2003, 05/21/2003, 02/13/2003 and 08/01/2002. I responded to his letters correspondingly on 02/19/2004, 01/05/2004, 05/29/2003, 02/27/2003 and 08/12/2002. I made some minor claim amendments on 09/27/2004 and 08/12/2002. I am appealing the Claims 1-7.

(c)(1)(iv) Status of Amendments

I made some minor amendments and word corrections to the Claims 1-7 and specifications without adding any new element or matter, and submitted the Clean Version of Amendment on 09/27/2004. I submitted another Clean Version of Amendment on 08/12/2002, which I re-arranged and re-numbered the original Claims 1-6 as Claims 1-7, and faxed the Marked-Up Version to Mr. Baoquoc N. To on 02/05/2003.

(c)(1)(v) Summary of Claimed Subject Matter

My present invention is related to an integrated database data editing system for editing and managing the relational database data contents remotely through intranet or Internet in an efficient and easy-to-use manner. The editing system contains a client computer visual environment, graphic user interfaces and tools to input, output, modify, update and manage the database data and is extremely useful for editing the large database objects. The TCP/IP (Transfer Control Protocol/Internet Protocol) based connection-oriented network protocols are used to communicate between the client and server computers. The client/server version of the system is implemented by using Java technologies and deployed on the intranet. The web version is implemented by using web and Java technologies and deployed on Internet and also any other network systems. The web version has more advantage to implement the security features by using the PKI (Public Key Infrastructure), SSL (Secure Socket Layer) and firewall. The mechanisms

for user authentication and access control to the database data editing system are well implemented.

Mr. Baoquoc N. To rejected the Claims 1-7 which are all the claims of my patent application (see Pages 15-16 of the Clean Version of Amendment submitted on 09/27/2004).

(c)(1)(vi) Grounds of Rejection to be Reviewed on Appeal

Mr. Baoquoc N. To, Examiner, rejected my Claims 1-7 over the following prior arts, which he sent to me on his letters on 08/12/2003, 05/21/2003, 02/13/2003 and 08/01/2002, and his email on 09/11/2003.

1. US. Patent No. 6,560,607, 05/06/2003, Lassen, "Client side bulk updates on the world wide web".
2. US. Patent No. 6,502,092, 12/31/2002, Ensor, "Referential integrity navigation in a database system".
3. US. Patent No. 6,418,467, 07/09/2002, Schweitzer et al., "Network accounting and billing system and method".
4. US. Patent No. 6,005,560, 12/21/1999, Gill et al., "Multi-media project management and control system".
5. US. Patent No. 5,815,665, 09/27/1998, Teper et al., "System and method for providing trusted brokering services over a distributed network".
6. US. Patent No. 5,801,701, 09/01/1998, Koppolu et al., "Method and system for in-place interaction with contained objects".
7. US. Patent No. 5,675,752, 10/07/1997, Scott et al., "Interactive applications generator for an interactive presentation environment".
8. US. Patent No. 5,644,739, 07/01/1997, Moursund, "Method and system for adding buttons to a toolbar".

Mr. Baoquoc N. To also rejected my Claims 1-7 on his "Advisory Action" mailed to me on 02/12/2004, which he believed that my reply to his "Office Action" on 08/12/2003 was late.

(c)(1)(vii) Argument

My current invention relates to an integrated relational database data editing system for editing and managing the database and contents remotely through intranet, Internet or any other computer networks in an efficient and easy-to-use manner. The data editing system is used to input, output, modify and update the database data and extremely useful for editing the large data types such as large text files and audio, image, animation and video binary data files from a remote relational database. The database data communicates between the client and server computers by using TCP/IP (Transfer Control Protocol/Internet Protocol) based "connection-oriented" network protocols that guarantee the reliability of data transmission. The present invention is original, patentable and very significant in both technology and economy fields, and meets the novelty and usability requirements by the USPTO very well.

I filed the Appeal Brief on 09/27/2004, the Notice of Appeal on 02/19/2004, and four reply letters on 01/05/2004, 05/29/2003, 02/27/2003 and 08/12/2002 to defend my Claims 1-7. I also made several telephone conversations and many email exchanges with Mr. Baoquoc N. To since 08/12/2002. As I explained to Mr. To that each of the above prior arts is totally different and not related to my invention:

1. Lassen teaches a specific data structure and method of modifying at least one record in a database, where the data is displayed by browser, modified, encapsulated in a data structure as a string and then sent back to the web site. My invention does not use this kind of specific data structure and mechanism.
2. Ensor teaches an improved system and method for referential integrity navigation of data residing in database tables and views, which can prevent database users or applications from entering inconsistent data into a database. Ensor's art does not have the functions and mechanisms as described in my present invention.
3. Schweitzer et al. teaches a network accounting and billing system and method for gathering networking traffic information, which is not related to my invention.

4. Gill et al. teaches a multi-media presentation system for coordinating access to multi-media data and related information files. My invention is related to an integrated database data editing system.
5. Teper et al. teaches an online brokering service providing user authentication and billing services to allow users to anonymously and securely purchase online services from service provider sites over a distributed public network, which is not related to my invention.
6. Koppolu et al. teaches a computer method and system for interacting with a containee object contained within a container object in a Windows environment, which is not related to my invention.
7. Scott et al. teaches an interactive applications generator to generate an interactive application environment for use on a single server multi-client network computer system, which is not related to my invention.
8. Moursund teaches a system and method for intuitively adding a button or other type of control to a toolbar or other region on a Windows form, which is not related to my invention.

In my "Notice of Appeal" filed on 02/19/2004, I explained that I didn't response late to Mr. To's "Advisory Action" on 08/12/2003. I had a telephone conversation with him on 08/22/2003 and discussed the related issues in detail. Mr. Baoquoc N. To promised me that he would re-examine my patent application immediately and get back to me on 08/26/2003. I didn't hear from him on 08/26/2003, so I sent him several emails to follow up. Mr. To sent me a reply email with three new references (#6,560,607, #6,502,092 and #6,418,467) on 09/11/2003 (Exhibit A). I replied him an email at the same day indicating that my invention is different from these three patents, and followed up with him by several emails since 09/11/2003. I had a telephone conversation with Mr. To on 01/05/2004, when he asked me to send him a formal letter.

In response to Mr. To's letter on 08/12/2003 and related matter, I sent him and exchanged twelve e-mails on 08/20/2003, 08/21/2003, 08/22/2003, 08/28/2003, 09/11/2003, 10/01/2003, 11/10/2003, 12/08/2003, 01/02/2004, 01/06/2004, 01/14/2004 and 02/06/2004. Mr. Baoquoc N. To did not indicate that our communications by email

were not formal as USPTO requirements until his letter mailed to me on 02/12/2004. I sent him the "Authorization of Internet Communication" with my Notice of Appeal on 02/19/2004. I believe that my responses were timely and properly following Mr. To's instructions.

(c)(1)(viii) Claims Appendix

See Pages 15-16 of the Clean Version of Amendment submitted on 09/27/2004.

(c)(1)(ix) Evidence Appendix

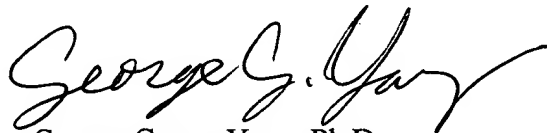
Exhibit A: Emails exchanged with Mr. Baoquoc N. To which was filed with the Appeal Brief on 09/27/2004.

(c)(1)(x) Related Proceedings Appendix

None.

I file this complete "Appeal Brief" with the appeal fee \$250.00 to the Board of Patent Appeals and Interferences. As I explained above and all the previous reply letters since 08/12/2002, my present invention is original, patentable and very significant in both technology and economy fields, and meets the novelty and usability requirements by the USPTO very well. There is no any prior art similar to my invention. I have responded to Mr. To's letter on 08/12/2003 timely and properly by telephones, emails and letters as well. I pray that my patent application will be approved by the Appeal Board as soon as possible.

Sincerely,

A handwritten signature in black ink, appearing to read "George G. Yang", with a stylized flourish at the end.

George Guang Yang, Ph.D.

Inventor/Appellant

A



guangyang14@hotmail.com

Printed: Tuesday, March 15, 2005 6:05 PM

From : <BaoquocN.To@USPTO.GOV>
Sent : Thursday, September 11, 2003 9:45 AM
To : guangyang14@hotmail.com
Subject : RE: Checking Application Status, #09/677/493, George Guang Yang

Dear GuangYang, I spoke to some of the colleges; however, they do not agree because there are prior arts that read on your invention. I did a another search these are the references relating to your invention 6502092,6418467 and 6560607.

-----Original Message-----

From: guangyang14@hotmail.com [mailto:guangyang14@hotmail.com]
 Sent: Thursday, September 11, 2003 12:03 PM
 To: BaoquocN.To@USPTO.GOV
 Subject: RE: Checking Application Status, #09/677/493, George Guang Yang

Dear BaoquocN,

Nice to hear from you again about the status of my patent application. As we have discussed before, this patent application is very significant in both technology and economy fields. Once it is approved and implemented, it will play an important role to improve the current database and Internet technologies and to prosper our economy.

This patent application has been in USPTO offices for three years now. The world has changed a lot in recent three years. I hope that the USPTO will consider my patent application seriously and get it approved as soon as possible. I am looking forward to hearing the good news.

George Guang Yang

Dear BaoquocN,

You told me last week on our telephone conversation that you would re-examine my patent application on Tuesday. I just want to check with you what the status is now, and what I need to do. This patent application is very significant and is very important to me. Please let me know the updated status. Thanks.

George Yang

Dear BaoquocN,

Nice to talk with you this morning by phone. I recently changed my address.

Please contact me at my new address thereafter as following:

George Guang Yang
 392 Hans Way
 San Jose, CA 95133
 (408) 729-1282 (home)
 (650) 996-1544 (cellular)

George Guang Yang

>From: BaoquocN.To@USPTO.GOV
 >To: guangyang14@hotmail.com
 >Subject: RE: Checking Application Status, #09/677/493, George Guang Yang
 >Date: Thu, 21 Aug 2003 18:12:47 -0400
 >
 >Dear George, I sent you a response already. baoquocto
 >
 >-----Original Message-----
 >From: guangyang14@hotmail.com [mailto:guangyang14@hotmail.com]
 >Sent: Wednesday, August 20, 2003 11:54 AM
 >To: BaoquocN.To@uspto.gov
 >Subject: Checking Application Status, #09/677/493, George Guang Yang
 >

A

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>Dear Mr. To,
>
>I have sent this kind of email to you several times before to check my
>patent application status. This patent is very important to me and it has
>been in pending for almost three years now. I hope it will get approved by
>your office as soon as possible. If there is any progress, please let me
>know. Thanks.
>
>George Guang Yang
>
>
>
>Dear Mr. To,
>
>I want to check with you what my patent application status is now.
>
>Application No. 09/677/493
>Filing Date: 10/02/2000
>Title: Integrated Database Data Editing System
>
>This patent application is very important to me. I hope it will be
>approved
>
>by your office soon. Thanks.
>
>George Guang Yang
>
>
>Dear Mr. To,
>
>I want to check my Patent Application (#09/677/493, Integrated Database
>Data
>
>Editing System) Status with you because it is very important to me. I hope
>it will be approved by your office as soon as possible. Thanks.
>
>George Guang Yang
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>
>Dear Mr. To,
>
>I sent out the letter today responding to your letter on 05/15/03. I hope
>that it will meet your expectation this time and it will get approved soon.
>
>I attach a copy of my letter by this email. If you have further concerns
>and questions, please let me know. I am looking forward to hearing the
>good
>
>news.
>
>George Guang Yang
>
>
>Dear Mr. To,
>
>Nice to have a telephone conversation with you today. It is very helpful
>to
>
>discuss and clear some issues regarding my patent application with you
>directly on the phone, which I believe will speed up my application. I
>hope
>
>that my patent application will get approved soon. Belowing is the email
>which I sent to you on 02/27/03 for your reference. I am looking forward
>to
>
>hearing the good news.
>
>GEORGE GUANG YANG
>
>
>Dear Mr. To,
>
>I filed a patent application in your offices, INTEGRATED DATABASE DATA
>EDITING SYSTEM, Application #09/677,493, Filing Date: 10/02/2000. I sent
>the Clean Version of Amendment to you on August 12, 2002 and faxed the
>Marked Up Version to you on February 5, 2003. This letter is to response
>to
>
>your "Office Action Summary" and your letter "Detailed Action" dated on
>February 6, 2003. I have carefully reviewed your letter and provided the
>detailed explanations for my Patent Application Amendment.
>
>Attached are my response letter and the reference list which I sent you
>today by the registered mail. If you have any further questions or
>concerns, please let me know. I am looking forward to hearing the good
>news. Thanks.

A

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>
>Sincerely,
>
>George Guang Yang
>
>
>Get MSN 8 and help protect your children with advanced parental
>controls. <http://join.msn.com/?page=features/parental>

Send and receive larger attachments with Hotmail Extra Storage.
<http://join.msn.com/?PAGE=features/es>